

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	(position of the fitting force exerted between the leg portion A of the stopper and the internal wall surface of the container being greatest and a position of the fitting force exerted between the external contact surface of the leg portion B of the stopper and the external wall surface of the container being greatest are located at different positions in the longitudinal direction of the container).clm.	US-PGPUB; USPAT	AND	ON	2009/12/18 13:25
S1	2	"US 20060175280"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/03/12 15:40
S2	2	("5494170" "6565814"). FN.	US-PGPUB; USPAT	OR	ON	2008/03/12 15:55
S3	618	("0.45" "0.46") adj MPa	US-PGPUB; USPAT	OR	ON	2008/07/29 15:42
S4	435141	("604" "220" "215" "600" "72" "73").clas.	US-PGPUB; USPAT	OR	ON	2008/07/29 15:43
S5	12	S3 and S4	US-PGPUB; USPAT	OR	ON	2008/07/29 15:43
S7	435141	("604" "220" "215" "600" "72" "73").clas.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:03
S8	100316	(stopper plug cap cork closure) and S7	US-PGPUB; USPAT	OR	ON	2008/07/29 16:03
S9	43516	(stopper plug) and S7	US-PGPUB; USPAT	OR	ON	2008/07/29 16:04
S10	197	S7 and (((deflection distortion) adj temperature) HDT or HDTUL)	US-PGPUB; USPAT	OR	ON	2008/07/29 16:04
S11	101	S8 and S10	US-PGPUB; USPAT	OR	ON	2008/07/29 16:04
S12	37	S9 and S10	US-PGPUB; USPAT	OR	ON	2008/07/29 16:04
S13	160	S10 NOT S12	US-PGPUB; USPAT	OR	ON	2008/07/29 16:07

S14	235	220/801.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:20
S15	128	220/802.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:20
S16	128	S15 NOT (S10)	US-PGPUB; USPAT	OR	ON	2008/07/29 16:21
S17	13	((HIDEO) near2 (ANRAKU)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:23
S18	137	((HIDEO) near2 (ANRAKU)).INV.	EPO; JPO; DERWENT	OR	ON	2008/07/29 16:23
S19	2	((MASAHIRO) near2 (NAKAIZUMI)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:23
S20	99	((MASAHIRO) near2 (NAKAIZUMI)).INV.	EPO; JPO; DERWENT	OR	ON	2008/07/29 16:23
S21	1	((MITSURU) near2 (NARUTA)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/29 16:24
S22	2	((MITSURU) near2 (NARUTA)).INV.	EPO; JPO; DERWENT	OR	ON	2008/07/29 16:24
S23	14	S17 S19 S21	US-PGPUB; USPAT	OR	ON	2008/07/29 16:24
S25	227	S18 S20 S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/29 16:26
S26	1	("6565814").PN.	FPRS; EPO; JPO; DERWENT	OR	ON	2008/07/29 17:13
S27	1	1999-561782.NRAN.	DERWENT	OR	ON	2008/07/30 09:53
S28	272	220/dlg.19.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:56
S30	546	215/354.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:56
S31	512	215/355.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:56
S32	93	215/271.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:56
S33	335	215/320.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:57
S34	499	604/415.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:57
S37	368	220/231.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:58
S38	1098	600/573.ccls.	US-PGPUB; USPAT	OR	ON	2008/07/30 09:58
S39	1	"6716396".pn.	US-PGPUB; USPAT	OR	ON	2008/07/30 19:45
S40	3	"6716396".pn.	DERWENT	OR	ON	2008/07/30 19:46

S41	445987	("604" "220" "215" "600" "72" "73").clas.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:50
S42	199	S41 and (((deflection distortion) adj temperature) HDT or HDTUL)	US-PGPUB; USPAT	OR	ON	2009/02/09 17:50
S43	1	"6716396".pn.	US-PGPUB; USPAT	OR	ON	2009/02/09 17:56
S44	12762	((deflection distortion) adj temperature) HDT or HDTUL)	US-PGPUB; USPAT	OR	ON	2009/02/09 17:58
S45	5936	((deflection distortion) adj temperature) HDT or HDTUL)	FFRS; EPO; JPO; DERWENT	OR	ON	2009/02/09 17:58
S46	2424	(vacuum and specimen).ab.	FFRS; EPO; JPO; DERWENT	OR	ON	2009/02/09 17:59
S47	9	S45 and S46	FFRS; EPO; JPO; DERWENT	OR	ON	2009/02/09 18:00
S48	2627	(vacuum and specimen)	FFRS; EPO; JPO; DERWENT	OR	ON	2009/02/09 18:01
S49	9	S45 and S48	FFRS; EPO; JPO; DERWENT	OR	ON	2009/02/09 18:02
S50	48789	(vacuum and specimen)	US-PGPUB; USPAT	OR	ON	2009/02/09 18:02
S51	1675	S44 and S50	US-PGPUB; USPAT	OR	ON	2009/02/09 18:03
S52	2298	(vacuum near4 specimen)	US-PGPUB; USPAT	OR	ON	2009/02/09 18:04
S53	18	S44 and S52	US-PGPUB; USPAT	OR	ON	2009/02/09 18:04
S54	491	215/247.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/09 18:13
S55	16358	((deflection distortion) near2 temperature) HDT or HDTUL)	US-PGPUB; USPAT	OR	ON	2009/02/09 18:34
S56	179304	("604" "220" "215").clas.	US-PGPUB; USPAT	OR	ON	2009/02/09 18:37
S57	165	S55 and S56	US-PGPUB; USPAT	OR	ON	2009/02/09 18:37
S58	42	S57 NOT S42	US-PGPUB; USPAT	OR	ON	2009/02/09 18:37
S59	11	S55 and stopper.ab.	US-PGPUB; USPAT	OR	ON	2009/02/09 18:39

S60	27	("3017050" "3092278" "4187893" "4226333" "4254884" "4301936" "4441621" "4545497" "4635807" "4664274" "4715360" "4809679" "4886177" "4892222" "4920976").PN. OR ("5370252").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 09:46
S61	27	("2603218" "2783908" "4254884").PN. OR ("4664274").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 09:48
S62	18	S61 NOT S60	US-PGPUB; USPAT	OR	ON	2009/02/10 09:49
S63	18	(US-20050010175-\$ or US- 20030171719-\$ or US- 20030029628-\$).did. or (US-6821267-\$ or US- 5823373-\$ or US- 6565814-\$ or US- 5494170-\$ or US- 6716396-\$ or US- 5433330-\$ or US- 5370252-\$ or US- 5219083-\$ or US- 5100010-\$ or US- 4416661-\$ or US- 4747839-\$ or US- 4664274-\$ or US- 5738233-\$).did. or (JP- 2001149350-\$).did. or (EP-1064879-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/02/10 11:17
S64	13	S63 and (plastic polymer thermoplastic)	US-PGPUB; USPAT	OR	ON	2009/02/10 11:18
S65	188	("0754948" "1431871" "1702182" "2206118" "2240101" "2436291" "2906423" "3143235" "3318496" "3392859" "3460702" "3475127" "3480169" "3494201" "3552591" "3578037" "3607098" "3653528" "3676076" "3720343" "3774455" "3853217" "3898046" "3899100" "3930413" "3957653" "4011961" "4053084" "4059201" "4066646" "4111326" "4134512" "4136794" "4150950" "4151256" "4152269" "4178976" "4186840" "4187952" "4207988" "4209126" "4226333" "4230664" "4234103" "4236646" "4243150" "4248355" "4261474"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 11:23

"4265242"	"4266687"
"4278437"	"4290534"
"4295572"	"4301936"
"4338764"	"4349035"
"4353868"	"4390111"
"4411721"	"4416661"
"4465200"	"4477710"
"4515752"	"4519513"
"4531649"	"4539855"
"4545497"	"4557899"
"4576297"	"4582207"
"4600112"	"4652429"
"4664274"	"4682703"
"4693834"	"4703865"
"4707337"	"4753358"
"4769335"	"4789639"
"4808381"	"4813432"
"4849173"	"4859610"
"4863051"	"4863453"
"4961986"	"4978504"
"4995521"	"4999163"
"5016770"	"5039012"
"5057365"	"5061263"
"5065768"	"5078968"
"5081872"	"5085332"
"5096062"	"5149506"
"5156813"	"5169602"
"5184746"	"5199597"
"5200153"	"5202093"
"5209733"	"5215717"
"5223225"	"5232111"
"5232669"	"5238649"
"5246856"	"5254314"
"5266266"	"5268148"
"5288466"	"5297599"
"5326534"	"5328041"
"5334348"	"5344417"
"5370252"	"5395365"
"5433330")	.PN. OR
("5433716"	"5456887"
"5458854"	"5462881"
"5471706"	"5505326"
"5514339"	"5525304"
"5527513"	"5543115"
"5545375"	"5566859"
"5578272"	"5604101"
"5611443"	"5623942"
"5624554"	"5632396"
"5637099"	"5681742"
"5707589"	"5714125"
"5800785"	"5851491"
"5874048"	"5888831"
"5915577"	"5935864"
"5989692"	"6001087"
"6030582"	"6054099"
"6145688"	"6361744"
"D027096"	"D282488"
"D285115"	"D309863"
"D315680"	"D357985"
"D445908"	"D457247"
"RE27637")	.PN. OR

		("6716396").URPN.				
S66	3	"6716396".pn.	DERWENT	OR	ON	2009/02/10 11:26
S67	5	("20010039058" "20010041336" "20030207463" "6716396" "6723289").pn.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:28
S68	6	("20030171719" "20050010175" "5494170" "5823373" "6565814" "6821267"). PN.	US-PGPUB; USPAT	OR	ON	2009/02/10 15:57
S69	22	(US-20050010175-\$ or US- 20030171719-\$ or US- 20030029828-\$ or US- 20030207463-\$ or US- 20010041336-\$ or US- 20010039058-\$).did. or (US-6821267-\$ or US- 5823373-\$ or US- 6565814-\$ or US- 5494170-\$ or US- 6716396-\$ or US- 5433330-\$ or US- 5370252-\$ or US- 5219083-\$ or US- 5100010-\$ or US- 4416661-\$ or US- 4747839-\$ or US- 4664274-\$ or US- 5738233-\$ or US- 6723289-\$).did. or (JP- 2001149350-\$).did. or (EP-1064879-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/02/10 15:57
S70	14	S69 NOT S68	US-PGPUB; USPAT	OR	ON	2009/02/10 15:58
S71	22	(US-20050010175-\$ or US- 20030171719-\$ or US- 20030029828-\$ or US- 20030207463-\$ or US- 20010041336-\$ or US- 20010039058-\$).did. or (US-6821267-\$ or US- 5823373-\$ or US- 6565814-\$ or US- 5494170-\$ or US- 6716396-\$ or US- 5433330-\$ or US- 5370252-\$ or US- 5219083-\$ or US- 5100010-\$ or US- 4416661-\$ or US- 4747839-\$ or US- 4664274-\$ or US- 5738233-\$ or US- 6723289-\$).did. or (JP- 2001149350-\$).did. or (EP-1064879-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/08/26 07:50

S72	13889	("heat deflection temperature" "heat distortion temperature" "deflection temperature" "distortion temperature" HDT HDTUL DTUL D648 "ASTM D 648" "ISO 75" ISO75)	US-PGPUB; USPAT	OR	ON	2009/08/26 07:54
S73	5	S71 and S72	US-PGPUB; USPAT	OR	ON	2009/08/26 07:54
S74	18023	("deflection temperature" "distortion temperature" "deformation temperature" HDT HDTUL DTUL D648 "ASTM D 648" "ISO 75" ISO75)	US-PGPUB; USPAT	OR	ON	2009/08/26 07:56
S75	5	S71 and S74	US-PGPUB; USPAT	OR	ON	2009/08/26 07:57
S76	130	S74 and ("215" "220"). clas.	US-PGPUB; USPAT	OR	ON	2009/08/26 07:58
S77	8	S74 and stopper.ab.	US-PGPUB; USPAT	OR	ON	2009/08/26 07:58
S78	530	S74 and (stopper cap lid closure cover).ab.	US-PGPUB; USPAT	OR	ON	2009/08/26 07:59
S79	56	S76 and S78	US-PGPUB; USPAT	OR	ON	2009/08/26 07:59
S80	6	S77 NOT (S79 S73 S71)	US-PGPUB; USPAT	OR	ON	2009/08/26 08:09
S81	74	S76 NOT (S77 S79 S73 S71)	US-PGPUB; USPAT	OR	ON	2009/08/26 08:10
S82	184	stopper and ("215" "220"). clas. and composite	US-PGPUB; USPAT	OR	ON	2009/08/26 08:35
S83	338	215/320.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 08:39
S84	696	215/364.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 08:39
S87	1	S84 and HDPE and LDPE	US-PGPUB; USPAT	OR	ON	2009/08/26 08:40
S88	1	"4813578".pn.	US-PGPUB; USPAT	OR	ON	2009/08/26 08:41
S89	25	S84 and composite	US-PGPUB; USPAT	OR	ON	2009/08/26 08:43
S90	55	S84 and ((different two) near2 (material type plastic))	US-PGPUB; USPAT	OR	ON	2009/08/26 08:47
S91	64	S84 and ((different two) near4 (material type plastic))	US-PGPUB; USPAT	OR	ON	2009/08/26 08:47
S92	551	215/354.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 08:52

S93	2	S92 and S74	US-PGPUB; USPAT	OR	ON	2009/08/26 08:52
S94	14	S92 and composite	US-PGPUB; USPAT	OR	ON	2009/08/26 08:53
S95	6	("0807381" "3499568" "4465200" "4531651"). PN. OR ("4697717"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 08:54
S96	36	("1413703" "3017050" "3460702" "3974930" "4243150").PN. OR ("4465200").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 08:57
S97	26	("3017050" "3088615" "3709395" "3937211" "4089432" "4205754" "4465200" "4569457" "4583652" "4635807" "4637520" "4652429" "5000804").PN. OR ("5522518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 08:59
S98	13	("0034227" "3599820" "4228910").PN. OR ("4569457").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 09:04
S99	19	("3105613" "4089432" "4227620" "4373009" "4465200" "4477578" "4624664" "4657151" "4856533" "4902521" "4985026" "5061263" "5066209").PN. OR ("5306270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 09:10
S100	33	("3460702").URPN.	USPAT	OR	ON	2009/08/26 09:16
S101	23	S84 and S92	USPAT	OR	ON	2009/08/26 09:18
S102	24	S84 and S92	US-PGPUB; USPAT	OR	ON	2009/08/26 09:19
S103	11	("0456480" "0666911" "1168410" "2192511"). PN. OR ("4546894"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 09:21
S105	551	215/354.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 21:21
S107	696	215/364.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/26 21:22
S108	1223	S105 S107	US-PGPUB; USPAT	OR	ON	2009/08/26 21:22
S109	46	S108 and thermoplastic. clm.	US-PGPUB; USPAT	OR	ON	2009/08/26 21:22
S110	148	S108 and (thermoplastic resin)	US-PGPUB; USPAT	OR	ON	2009/08/26 21:41

S111	6	("3924771").PN. OR ("5857580").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 21:45
S112	30	S108 and (thermoplastic and resin)	US-PGPUB; USPAT	OR	ON	2009/08/26 21:45
S113	1	"20060175280".pn.	DERWENT	OR	ON	2009/08/26 21:49
S114	1	2005-181819.NRAN.	DERWENT	OR	ON	2009/08/26 21:49
S115	2	"11318868".pn.	FFRS; EPO; JPO; DERWENT	OR	ON	2009/08/26 21:55
S116	1	"6565814".pn.	US-PGPUB; USPAT	OR	ON	2009/08/26 21:56
S117	22	("3881626" "4089432" "4134512" "4193402" "4205754" "4227620" "4254884" "4278437" "4308232" "4402911" "4652429" "4664274" "4675159" "4830217" "4883641" "5326534" "5360012" "5370252" "5514339" "5545375" "5556599" "5738233"). PN. OR ("6565814"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 22:00
S118	2	("5738233" "5494170"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 22:09
S119	2	"2001149350".pn.	FFRS; EPO; JPO; DERWENT	OR	ON	2009/08/26 22:11
S120	2	("5033476" "20040118803").pn.	US-PGPUB; USPAT	OR	ON	2009/12/11 08:47
S121	1	("20040118803").pn.	DERWENT	OR	ON	2009/12/11 08:48
S122	1	("7097057").pn.	US-PGPUB; USPAT	OR	ON	2009/12/11 08:49
S123	15	("4967919" "5232111" "5275299" "5360012" "5361921" "5494170" "5522518" "5632396" "5699923" "5738233" "5779074" "6006931" "6426049" "6510969" "6562300").PN. OR ("7097057").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 08:49
S124	48	("3987791" "4349035" "4420517" "4559052" "4806381" "4813426" "4856533" "4863453" "4920976").PN. OR ("5033476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 08:50
S125	1	"4094429".pn.	US-PGPUB; USPAT	OR	ON	2009/12/11 08:53

S126	702	215/364.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/11 08:54
S127	58	S126 and tube	US-PGPUB; USPAT	OR	ON	2009/12/11 08:55
S128	45	("3193128" "3358865" "4205754" "4465200" "4478342" "4967919" "5038951" "5143236" "5232111" "5275299" "5294011" "5303835" "5314084" "5335801" "5344036").PN. OR ("5494170").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 08:58
S129	38	("1803316" "2794437" "3900028" "4187149" "4219912" "4289129" "4294249").PN. OR ("4416661").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:00
S130	19	("3424329" "4254884" "4441621" "4635807" "4664274" "5303835"). PN. OR ("5738233"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:02
S131	6	("0807381" "3499568" "4465200" "4531651"). PN. OR ("4697717"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:02
S132	20	("3105613" "4089432" "4227620" "4373009" "4465200" "4477578" "4624664" "4657151" "4856533" "4902521" "4985026" "5061263" "5066209").PN. OR ("5306270").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:03
S133	16	("4205754" "4366912" "4741446" "4928934" "4967919" "5232111"). PN. OR ("5361921"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:04
S134	22	("2388634" "2848130" "3071274" "3387609" "3958572" "4441621" "4465200").PN. OR ("4967919").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:04
S135	15	("2168734" "2372182" "3241663" "3244308" "3380610").PN. OR ("4094429").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/11 09:07

S136	42	(US-20050010175-\$ or US-20030171719-\$ or US-20030029828-\$ or US-20030207463-\$ or US-20010041336-\$ or US-20010039058-\$ or US-20040256348-\$ or US-20040099629-\$ or US-20040118803-\$).did. or (US-6821267-\$ or US-5823373-\$ or US-6565814-\$ or US-5494170-\$ or US-6716396-\$ or US-5433330-\$ or US-5370252-\$ or US-5219083-\$ or US-5100010-\$ or US-4416661-\$ or US-4747839-\$ or US-4664274-\$ or US-5738233-\$ or US-6723289-\$ or US-5819978-\$ or US-4813578-\$ or US-5522518-\$ or US-4697717-\$ or US-4465200-\$ or US-3499568-\$ or US-4569457-\$ or US-5306270-\$ or US-5275299-\$ or US-5361921-\$ or US-5819964-\$ or US-4967919-\$).did. or (US-5857580-\$ or US-4019646-\$ or US-5033476-\$ or US-7097057-\$ or US-4094429-\$).did. or (JP-2001149350-\$).did. or (EP-1064879-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/12/11 09:07
S138	179	(S123 S124 S128 S129 S130 S131 S132 S133 S134 S135 S136) NOT (S120 S121 S122 S125 S136)	US-PGPUB; USPAT	OR	ON	2009/12/11 09:09
S139	0	(09/665859).APP.	US-PGPUB; USOCR	OR	ON	2009/12/11 09:13
S140	3	("6003566" "6189580" "6382442").pn.	US-PGPUB; USPAT	OR	ON	2009/12/11 09:15
S141	1	("6681946").pn.	DERWENT	OR	ON	2009/12/11 09:17

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	(position of the fitting force exerted between the leg portion A of the stopper and the internal wall surface of the container being greatest and a position of the fitting force exerted between the external contact surface of the leg portion B of the stopper and the external wall surface of the container being greatest are located at different positions in the longitudinal direction of the container).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/18 13:25

12/ 18/ 2009 1:25:40 PM

C:\Documents and Settings\nwalker\My Documents\EAST\Workspaces\ 10564718.wsp